

PDF Creation

Without IPLOT Organizer

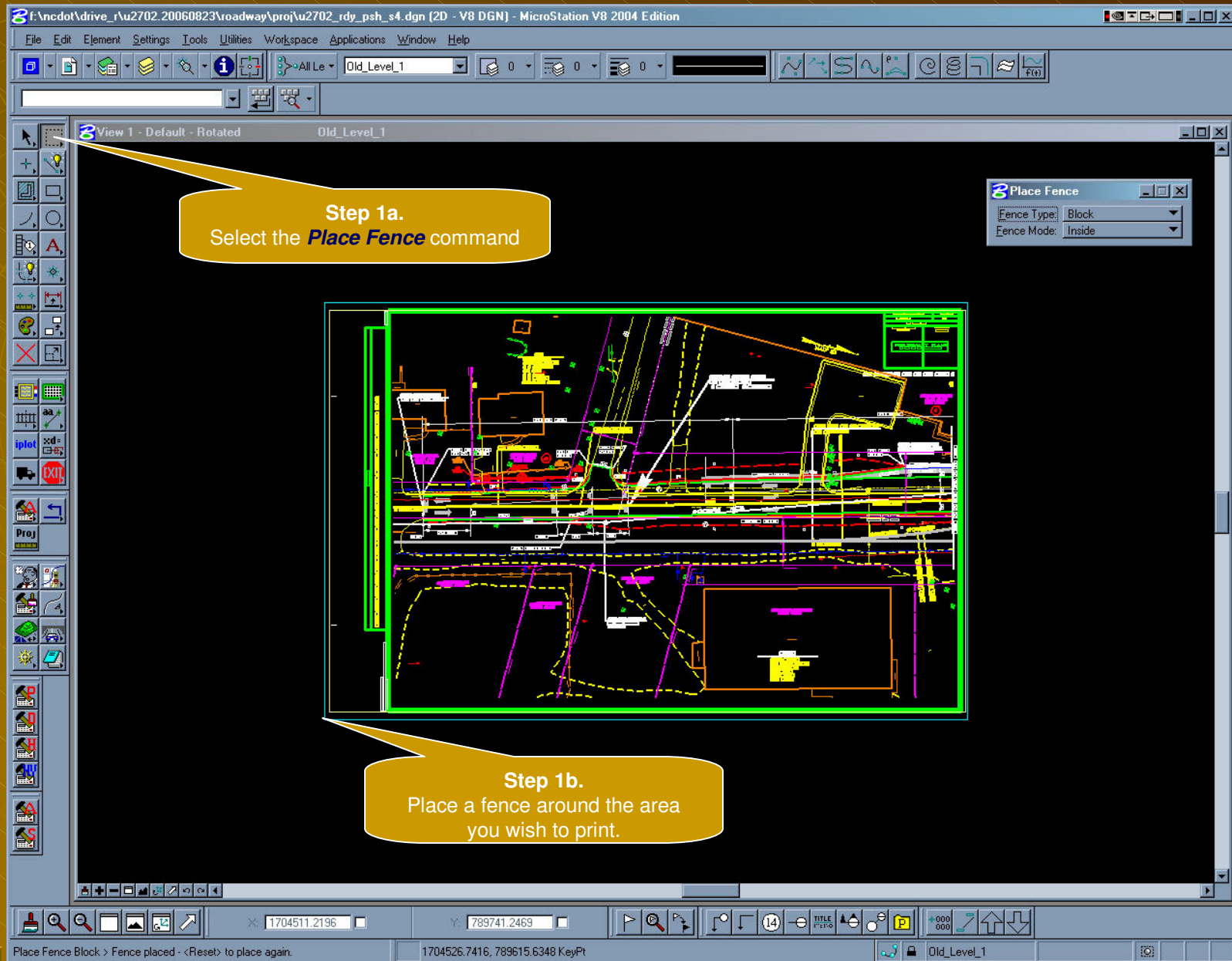


Why Create PDF's without IPLOT Organizer?

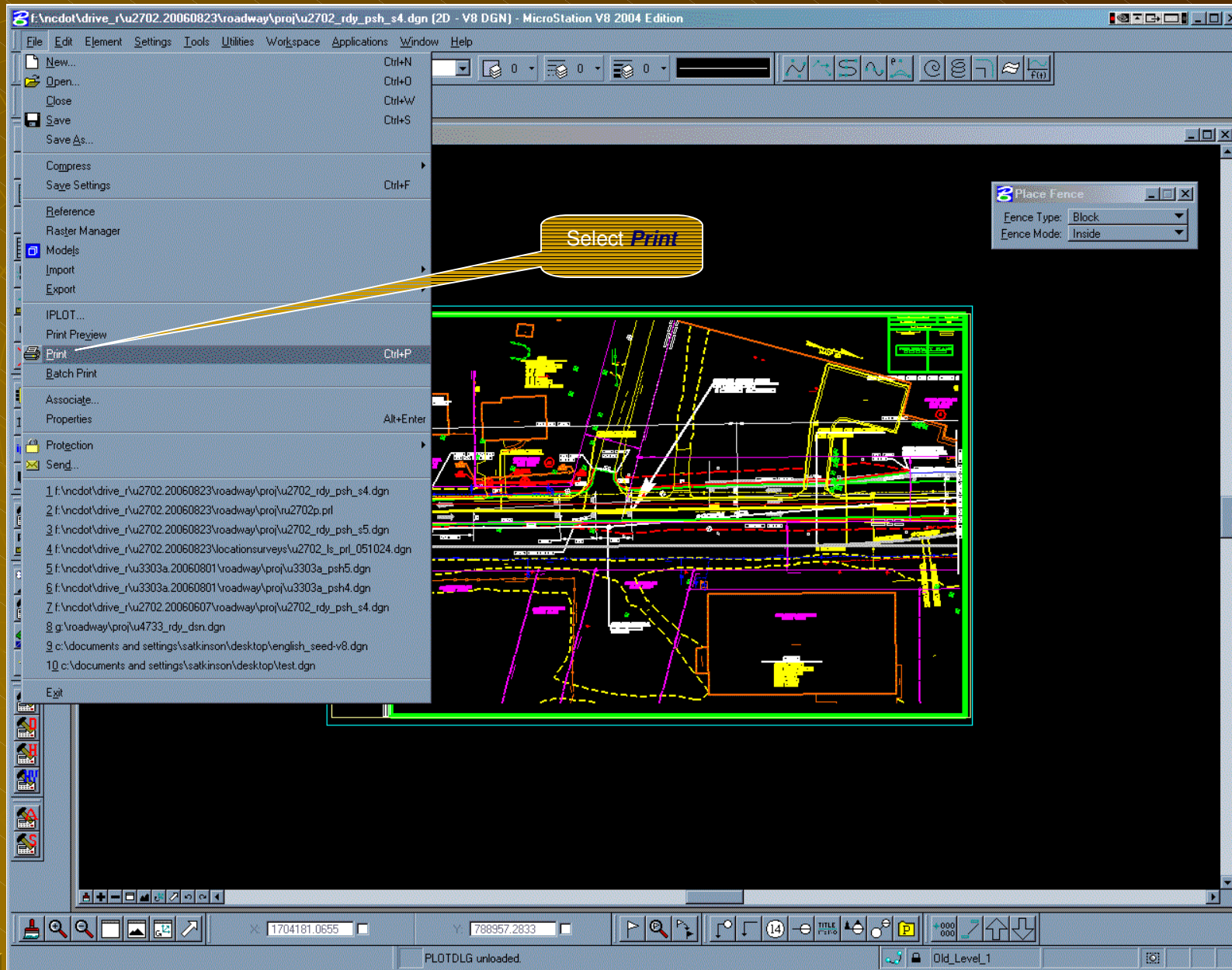
- ◆ If you need a quick and easy method of printing cad files.
 - Or you're not that familiar with IPLOT Organizer.
- ◆ If you have a small number of plan sheets.
 - One of IPLOT Organizer's Strengths is Batch Plotting.
- ◆ If you want to print a special area of the file.
 - IPLOT pen tables (design scripts) are geared for standard sheet sizes.
- ◆ If you need a color plot of something other than a hearing map.
 - IPLOT pen tables are geared for black and white plots (except for hearing maps).



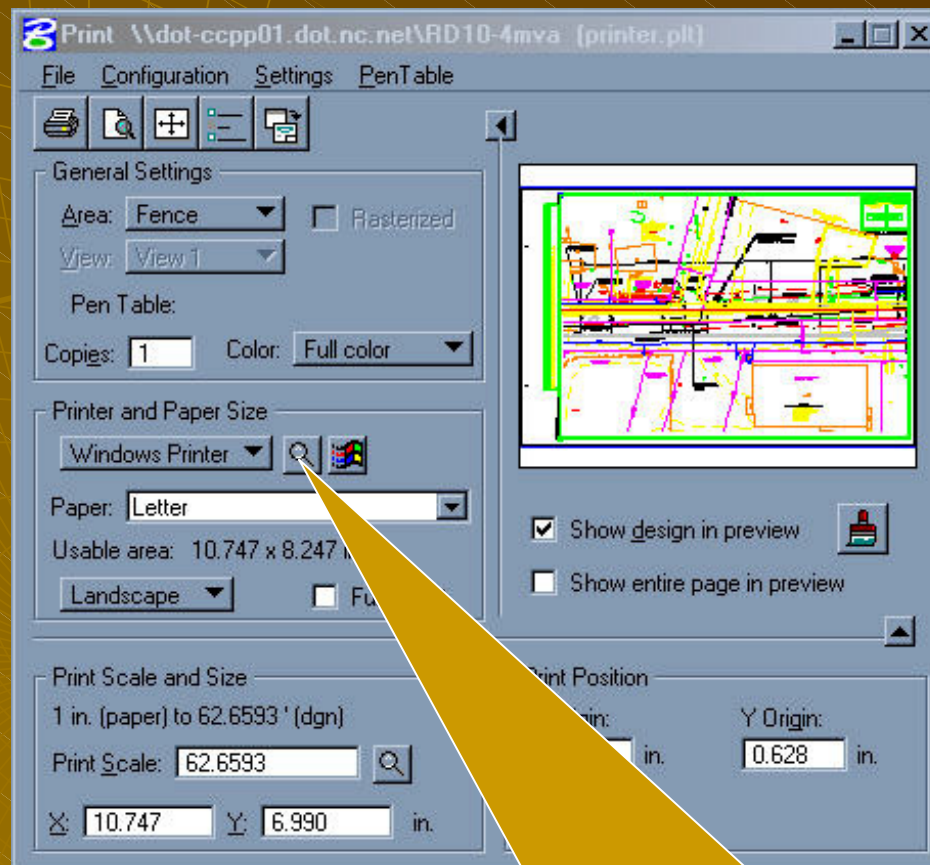
Step 1: Select Contents of Drawing



Step 2: Select the Print Dialogue

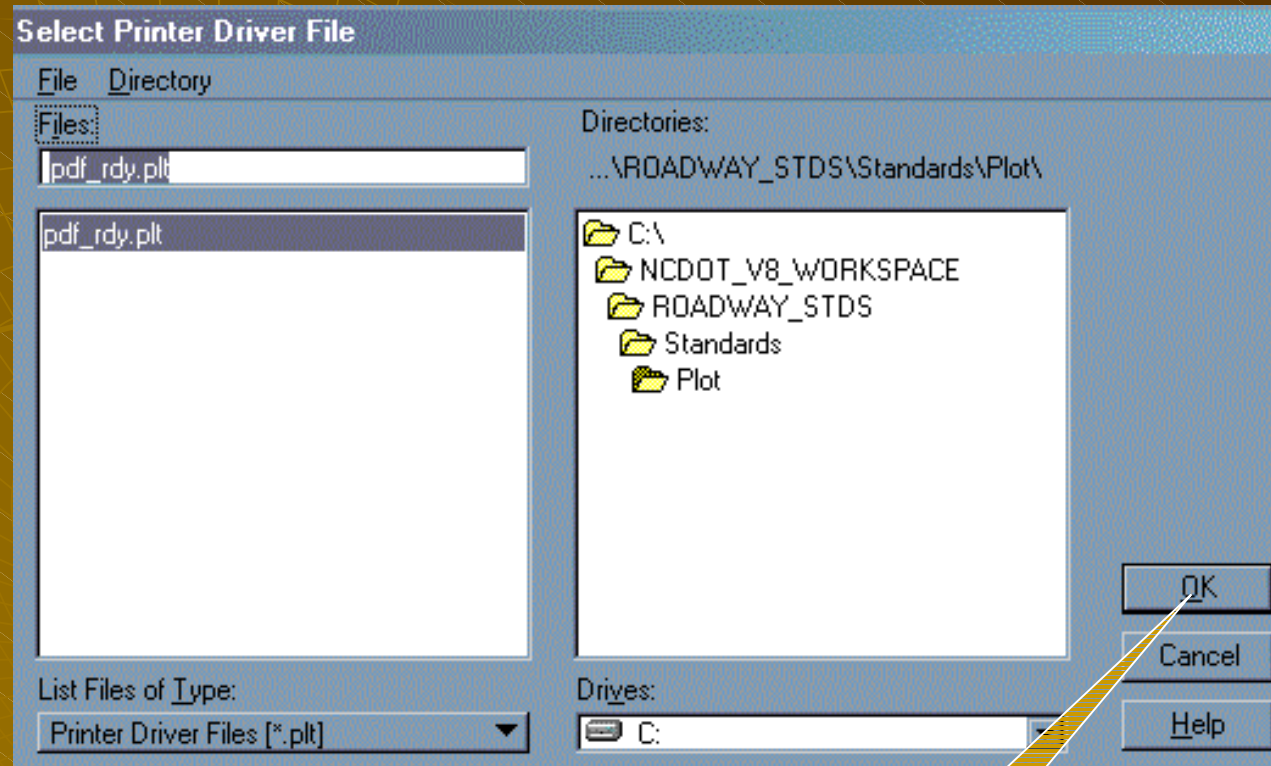


Step 3: Select the Printer Driver



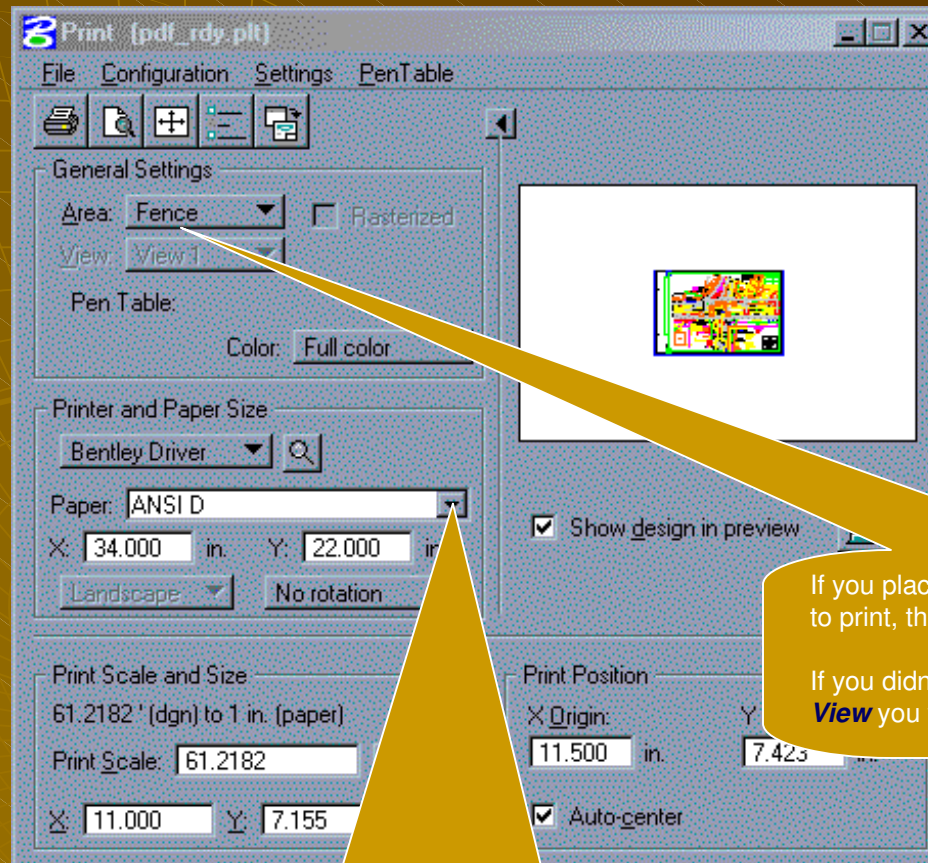
Click the magnifying glass icon and navigate to
C:\NCDOT_V8_WORKSPACE\ROADWAY_STDS\Standards\Plot\ folder

Step 3 cont'd: Select the Printer Driver



Select the driver and
click **OK**

Step 4: Configure the Area to Print



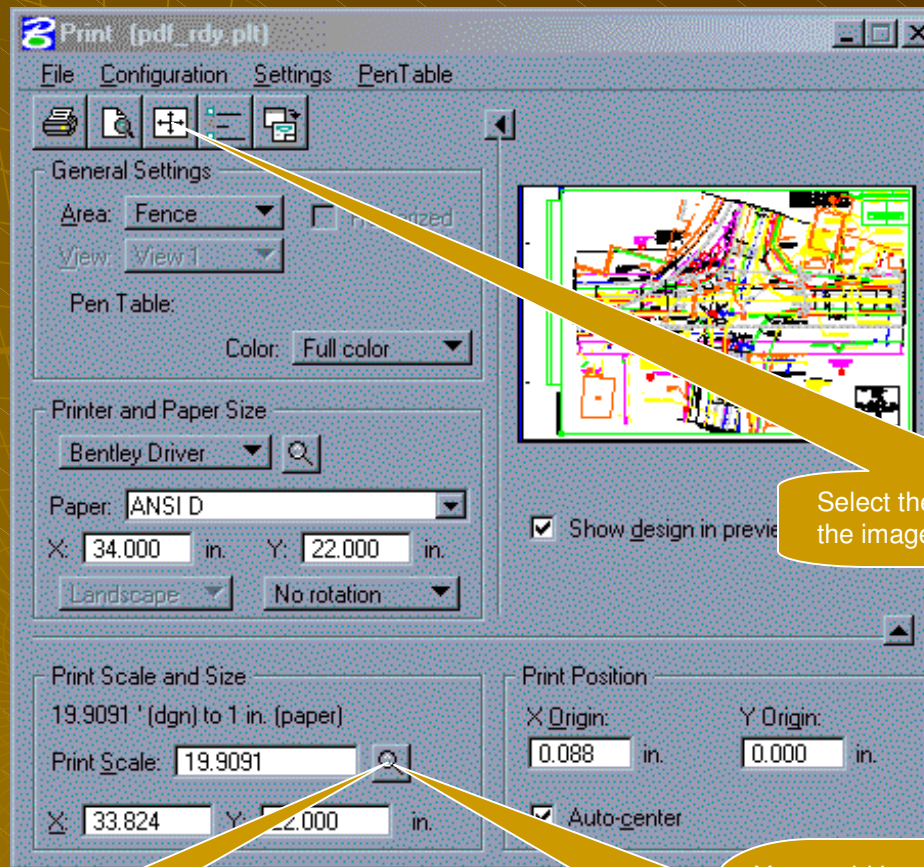
If you placed a fence delineating the area/image you wish to print, this setting is configured for you already.

If you didn't use a fence, you will need to specify the **View** you wish to print.

You must also configure the paper size you wish the contents of your file to be saved to.

This is where you begin to think of what you want your image to look like when it is opened in Adobe Reader.

Step 5: Configure the Layout Settings



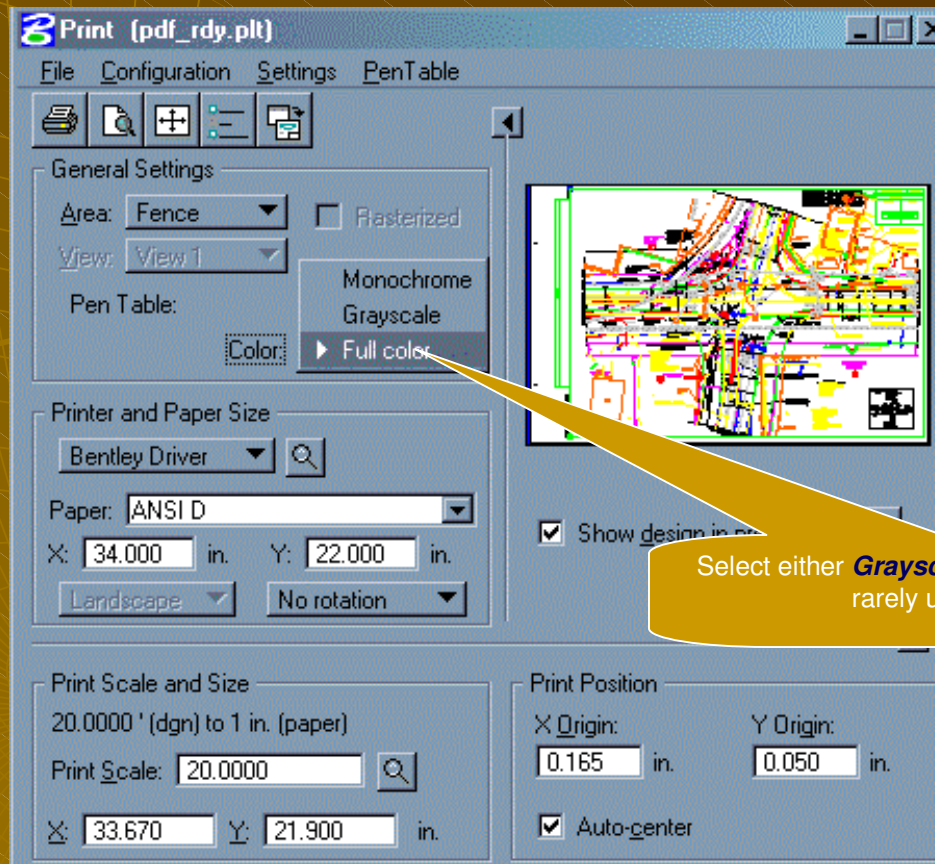
You'll see the scale and size of the image adjust themselves to match the paper size.

Select the **Maximize** button to scale the image to fill the paper/canvas size.

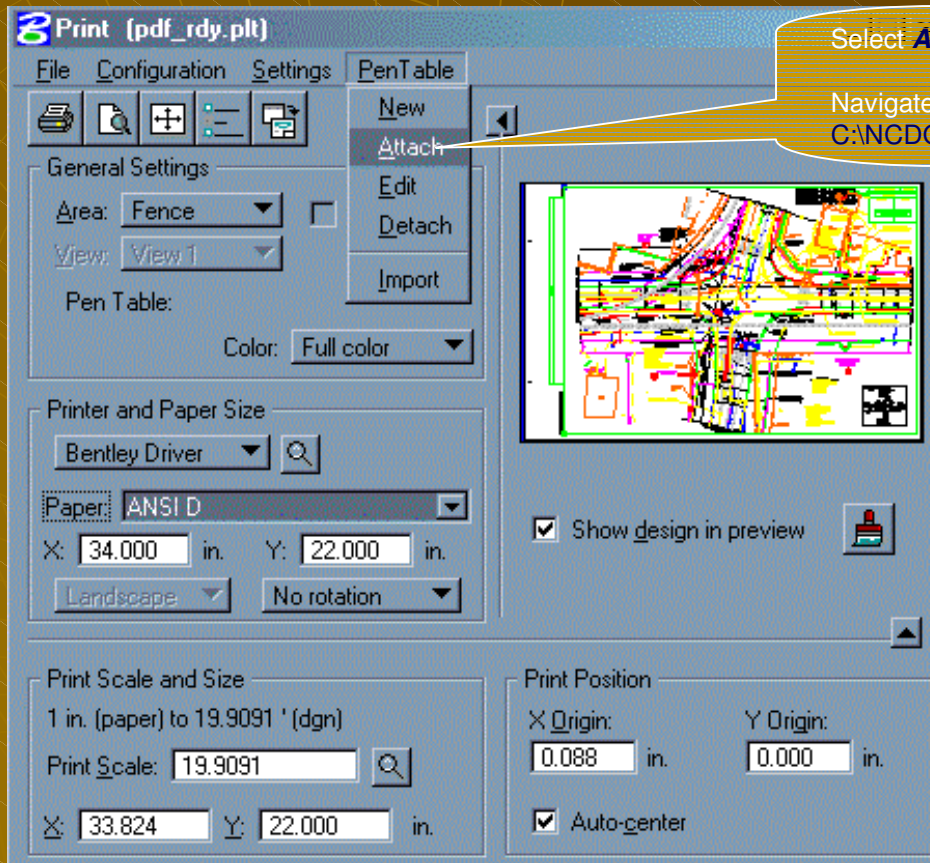
You could have also adjusted the scale and size of the image instead of selecting the **Maximize** option.

As you can see, this sheet was laid out at 20:1 scale instead of 50:1, so you could easily adjust this to be exactly 20:1.

Step 6: Select the Color Settings



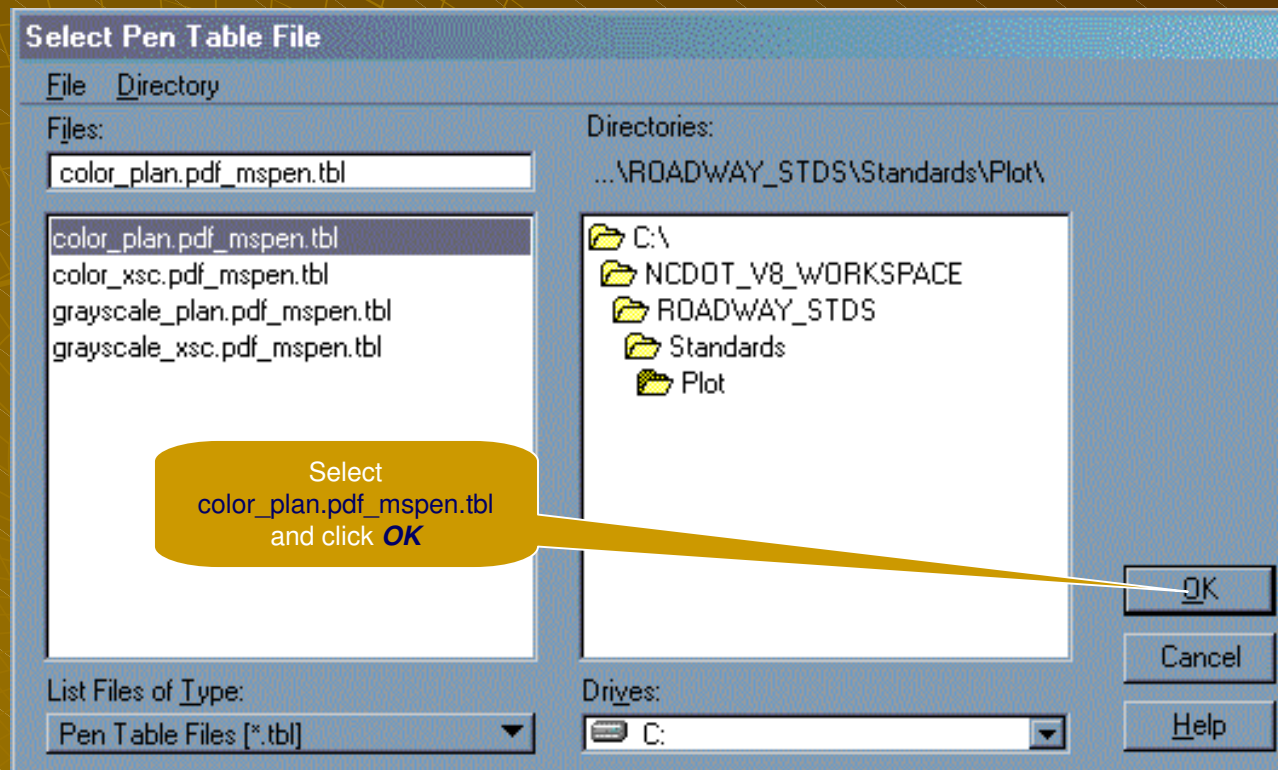
Step 7: Select the Correct Pen Table



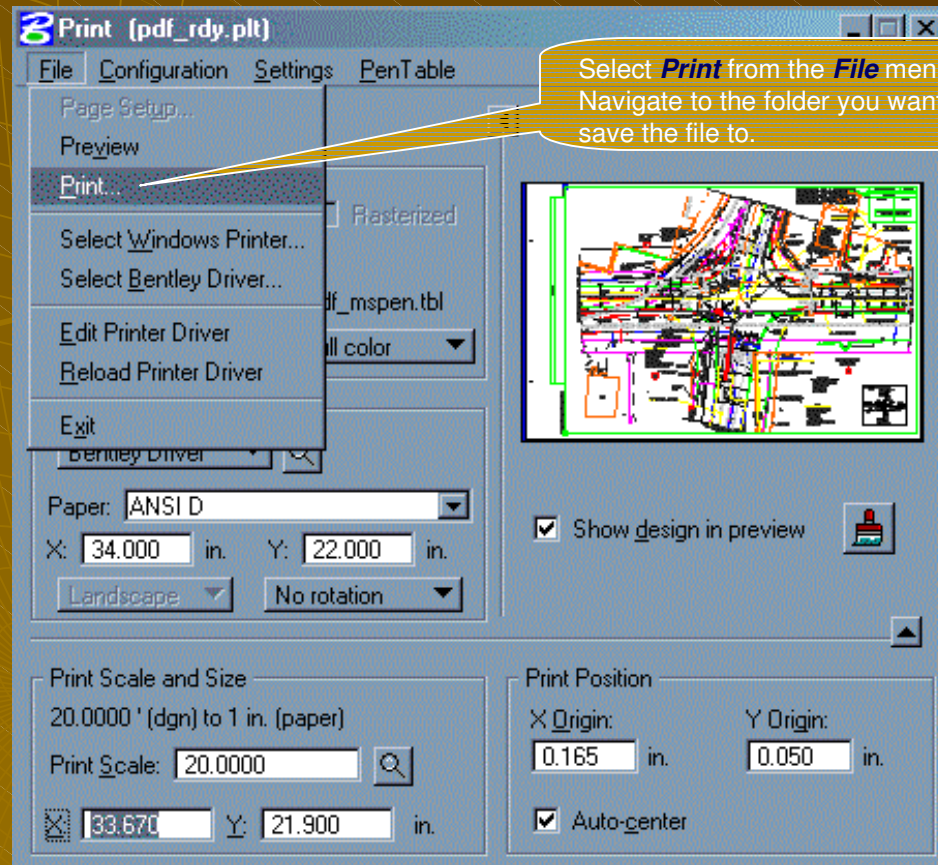
Select **Attach** from the **Pen Table** menu

Navigate to the
C:\NCDOT_V8_WORKSPACE\ROADWAY_STDS\Standards\Plot\ folder

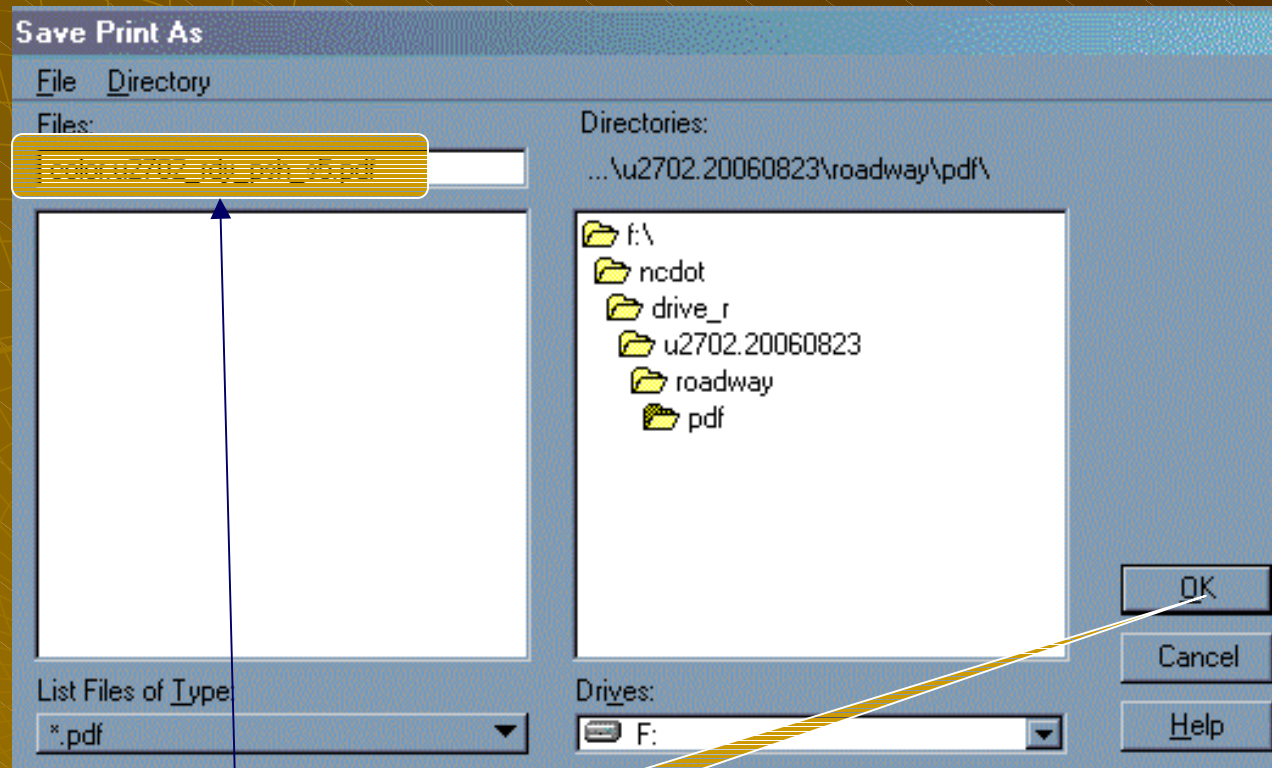
Step 7 cont'd: Select the Correct Pen Table



Step 8: Execute the Print



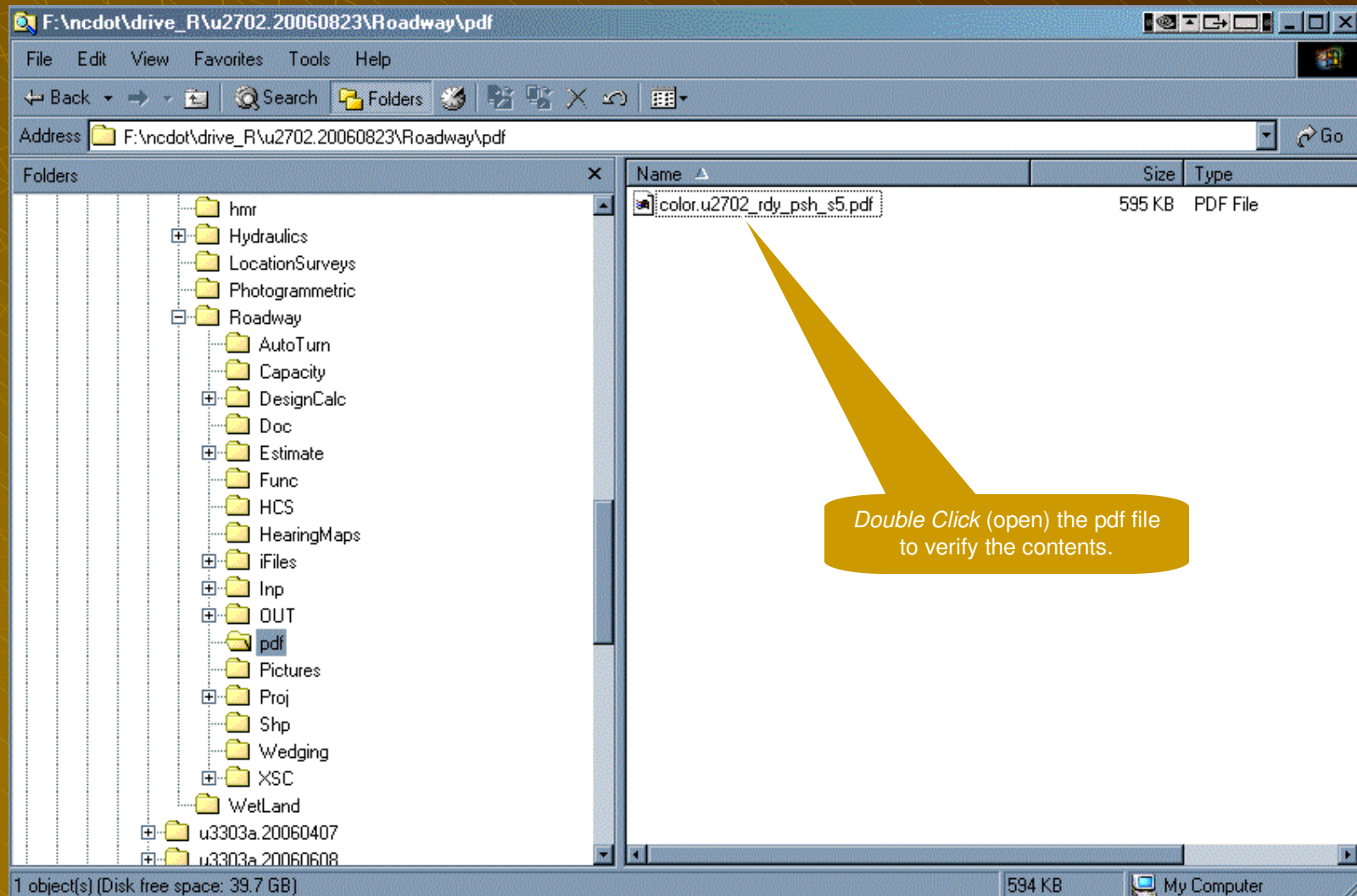
Step 8 cont'd: Execute the Print



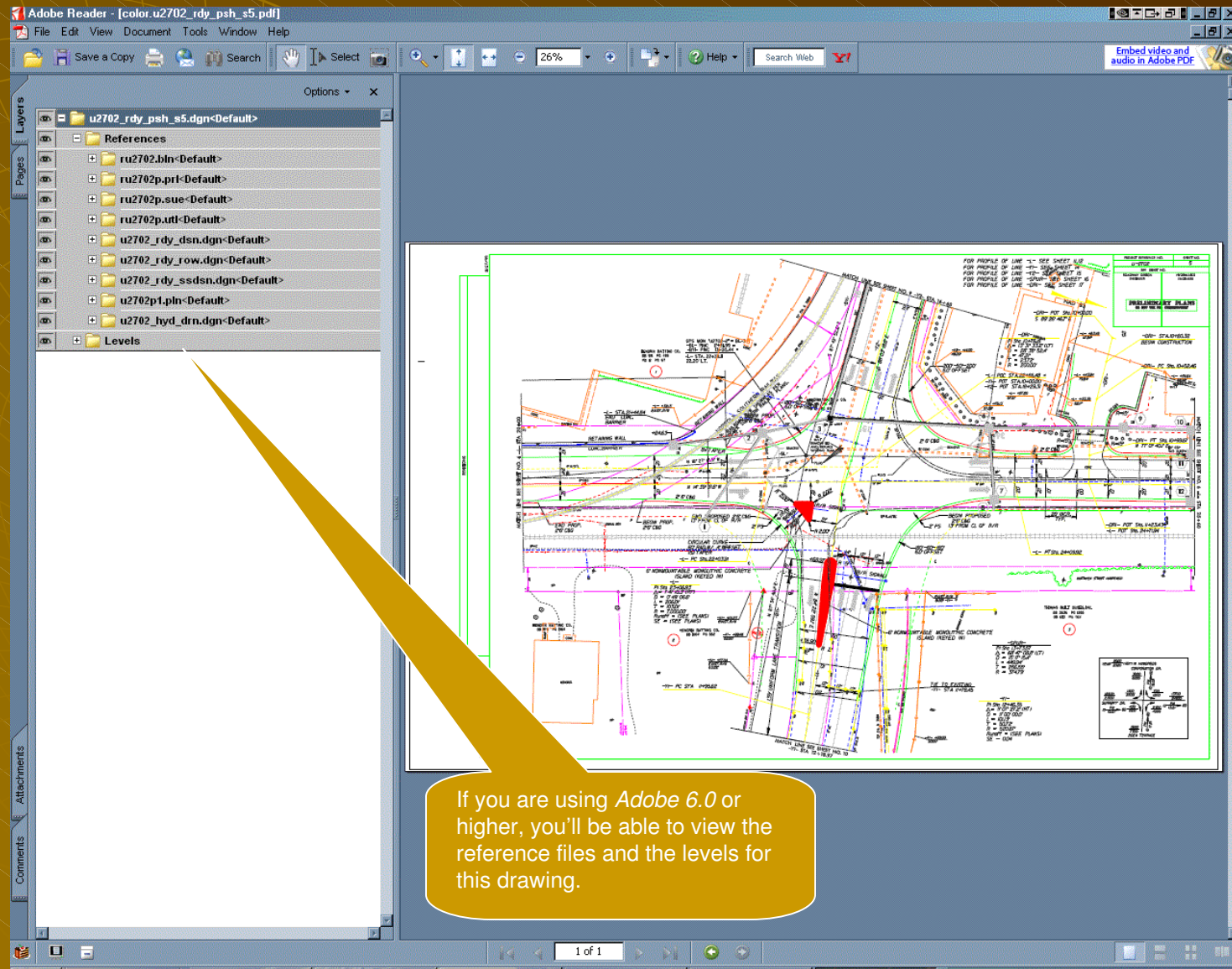
Enter a name for the file
and click **OK**.



Step 9: Verification



Step 9 cont'd: Verification



Why is Image Size Important for Adobe Files?

- ◆ Adobe PDF images are always saved to a particular document size.
 - There are other keywords within the Adobe context that are similar to image size such as Canvas size and Document size. Adobe Acrobat generally uses the term Document size for what we are addressing here.
- ◆ Therefore, you should save your image to the largest document size you will want to plot or print.
 - Images that are later printed to a larger document size than their original document size tend to distort.
 - Images that are later printed to the same or smaller document sizes than their original document size do not distort.



Selecting the Correct Document Size

- ◆ An aspect ratio is simply a *width* to *height* ratio.
- ◆ Being a ratio, it is independent of units.
- ◆ Some standard document (sheet) sizes are:
 - ANSI A = 8.5"x11" (portrait) or 11"x8.5" (landscape)
 - ANSI B = 11"x17" (portrait) or 17"x11" (landscape)
 - ANSI C = 17"x22" (portrait) or 22"x17" (landscape)
 - ANSI D = 22"x34" (portrait) or 34"x22" (landscape)
 - ANSI E = 34"x44" (portrait) or 44"x34" (landscape)
- ◆ Most of the above sizes are close to a 4:3 aspect ratio.
- ◆ This can be particularly useful when fencing special or oversized areas for plotting if you use a 4:3 border and just scale and/or rotate it to the necessary sheet (or image) size.